

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A zoom lens having a first lens group fixed upon zooming and having a positive refractive power, a second lens group having a negative refractive power, a third lens group having a positive refractive power, a fourth lens group having a negative refractive power, and a fifth lens group having a positive refractive power, which are successively arranged in [[the]] this order from [[the]] an object side, wherein the third lens group is fixed and at least the second lens group and the fourth lens group are moved for zooming, wherein the fourth lens group moved in one direction when the second and fourth lens groups are moved for zooming, and wherein

said first lens group comprises a first single lens having a negative refractive power, a reflective member for bending an optical path through 90°, and at least one second lens having a positive refractive power, which are successively arranged in the order from the object side.

Claim 2 (Original): The zoom lens according to claim 1, which satisfy the following conditional formulas (1), (2):

$$(1) 1.0 < D1/Fw < 5.0; \text{ and}$$

$$(2) 0.1 < D1/Ft < 1.0$$

where

D1: the entire lens length of the first lens group;

Fw: the focal length of the entire lens system at a wide-angle end state; and

Ft: the focal length of the entire lens system at a telescopic end state.

Claim 3 (Currently Amended): The zoom lens according to claim 1, which satisfy the following conditional formulas (3), (4):

$$(3) \text{NdL1} > 1.75; \text{ and}$$

$$(4) \text{VdAv} - \text{VdL1} > 15$$

where

NdL1: the refractive index of the first lens at the d-line;

VdL1: the Abbe number of the first lens at the d-line; and

VdAv the average of the Abbe numbers of the lenses having a positive refractive power subsequent to the second lens in the first lens group $\left[\left(\frac{\sum \text{VdLi}}{i} \right) \right]$ where VdAv is determined by $\left(\frac{\sum \text{VdLi}}{i} \right)$ where i represents the number of lenses having a positive refractive power subsequent to the second lens $\left[\left(\right) \right]$.

Claim 4 (Currently Amended): The zoom lens according to claim 2, which satisfy the following conditional formulas (3), (4):

$$(3) \text{NdL1} > 1.75; \text{ and}$$

$$(4) \text{VdAv} - \text{VdL1} > 15$$

where

NdL1: the refractive index of the first lens at the d-line;

VdL1: the Abbe number of the first lens at the d-line; and

VdAv the average of the Abbe numbers of the lenses having a positive refractive power subsequent to the second lens in the first lens group $\left[\left(\right) \right]$ where VdAv is determined by $\left(\frac{\sum \text{VdLi}}{i} \right)$ where i represents the number of lenses having a positive refractive power subsequent to the second lens $\left[\left(\right) \right]$.

Claim 5 (Currently Amended): The zoom lens according to claim 1, wherein the third lens group has an iris aperture and $\left[\left[\text{is} \right] \right]$ the third lens group and the iris aperture are both fixed upon zooming.

Claim 6 (Currently Amended): The zoom lens according to claim 2, wherein the third lens group has an iris aperture and ~~[[is]]~~ the third lens group and the iris aperture are both fixed upon zooming.

Claim 7 (Currently Amended): The zoom lens according to claim 3, wherein the third lens group has an iris aperture and ~~[[is]]~~ the third lens group and the iris aperture are both fixed upon zooming.

Claim 8 (Currently Amended): The zoom lens according to claim 4, wherein the third lens group has an iris aperture and ~~[[is]]~~ the third lens group and the iris aperture are both fixed upon zooming.

Claim 9 (Currently Amended): An image pickup apparatus comprising a zoom lens having a plurality of lens groups, for varying a magnifying power by changing distances between at least some of the lens groups, and a image sensing device for converting an optical image generated by said zoom lens into an electric signal, wherein

said zoom lens comprises a first lens group fixed upon zooming and having a positive refractive power, a second lens group, movable for zooming, having a negative refractive power, a fixed third lens group having a positive refractive power, a fourth lens group, movable for zooming, having a negative refractive power, and a fifth lens group having a positive refractive power, which are successively arranged in ~~[[the]]~~ this order from ~~[[the]]~~ an object side, wherein at least the second lens group and the fourth lens group are moved for zooming, wherein the fourth lens group moves in one direction when the second and fourth lens groups are moved for zooming and wherein

said first lens group comprises a first single lens having a negative refractive power, a reflective member for bending an optical path through 90°, and at least one second lens having a positive refractive power, which are successively arranged in ~~[[the]]~~ this order from the object side.

Claim 10 (New): The zoom lens of claim 1, wherein the fourth lens group moves in a linear noncurved fashion.

Claim 11 (New): The image pickup apparatus of claim 9, wherein the fourth lens group moves in a linear, noncurved fashion.